

LAWN AND STOCK FENCE

Rossman

MANUFACTURING
COMPANY.

CATALOGUE No. 10.

ROSSMAN, COLUMBIA COUNTY
NEW YORK.

Some Points of Superiority of "Rossman" Steel Fences

"ROSSMAN" Fences adjust themselves to all grades without losing shape, the only fence that adapts itself to uneven or hilly ground and looks symmetrical wherever built.

"ROSSMAN" Fences overcome expansion and contraction. Never become tight and draw, nor loose and saggy in hot or cold weather.

"ROSSMAN" Fences are made from best galvanized rod and do not require an expert to erect them.

"ROSSMAN" Lawn Fences protect but do not conceal your grounds.

"ROSSMAN" Posts for lawn, cemetery and school fences are tubular, giving greatest strength and insuring longest life to fence.

THE FOLLOWING PAGES WILL GIVE YOU MANY MORE POINTS
OF SUPERIORITY OF "ROSSMAN" FENCES



CATALOGUE OF

“ROSSMAN”

Ornamental Lawn Fence and
Farm Fence

MANUFACTURED BY

ROSSMAN MANUFACTURING COMPANY

ROSSMAN, COLUMBIA CO., N. Y., U. S. A.

INTRODUCTION

NEAT, well-kept lawns and public grounds are a delight to every one. They may be materially improved, and are much easier kept clean and beautiful if surrounded and protected by a handsome, substantial fence. In the pages that follow we illustrate and describe a fence that will add beauty to the efforts of the landscape gardener and lend a charm to any home, no matter how humble or how grand.

The "Rossman" All-steel Picket Fence protects but does not conceal your grounds. It prevents stock, dogs and other objectionable intruders from running over them, and eliminates the possibility of the damage they so often are responsible for.

"Rossman" Lawn Fences have successfully stood the severest tests of years, and are extensively used for lawns, schools, cemeteries, hospitals, homes and parks. Because of their strength, durability, ornamental appearance and medium cost, they have grown in popular favor wherever used, and the increasing demand for them is a fitting testimonial of their many good features.

We make our lawn fences from three different sizes of rod, in various heights, to suit any and all purposes. They are very simple and easy to erect, and are so constructed that they may be used either on level or uneven ground, and yet maintain their symmetry and strength.

The "Rossman" Steel Pickets used with our Steel Posts and Rail make a fence stronger than wrought-iron fence, much handsomer and more moderate in cost.

In writing for prices of lawn fence, kindly inclose with your inquiry a rough diagram of your fence line, showing location of gates, height of fence required, and any other information that will enable us to give you definite figures. This information is necessary and will greatly assist us in giving your letter intelligent consideration.

You will notice that we also manufacture a farm fence and a stock fence that embraces features no other fence possesses. The "Rossman" farm and stock fences are superior to all others. They are the only farm fences with a right and left expansion twist in the cables, which keeps the fence in shape at all times, without being affected by the temperature. This one feature alone puts the "Rossman" fence away ahead of all others. It has numerous other advantageous features, as you will learn by reading this catalogue carefully through. The moderate price at which we sell it makes our fence an interesting proposition to property owners everywhere.



Write us your needs, whatever they may be, and we will take pleasure in giving you prices and any information that will be helpful to you. Thanking our friends and patrons for past liberal favors, and soliciting a continuation of such future patronage as they may be able to extend to us, we remain,

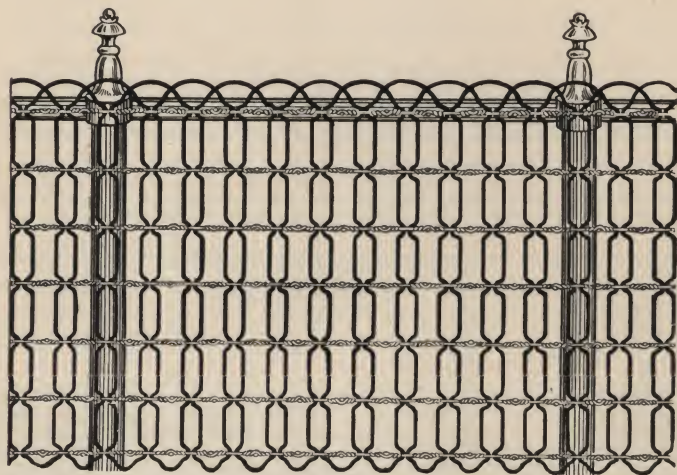
Respectfully yours,

THE ROSSMAN MANUFACTURING COMPANY

Columbia County

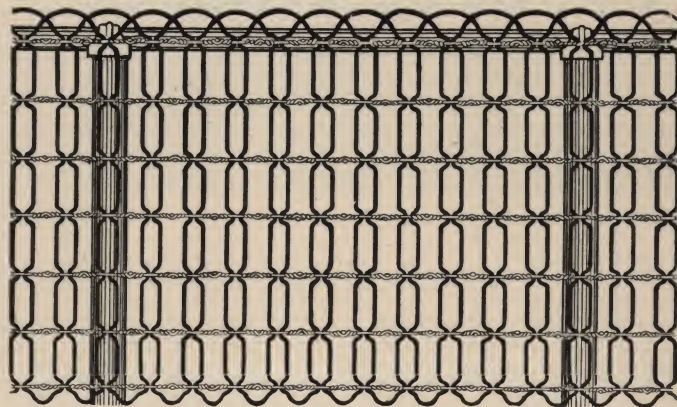
Rossman, New York

Ornamental Intermediate Posts



OUR LAWN FENCE is very ornamental, and some prefer not to have ornamental tops on the intermediate posts; therefore, we furnish posts with or without ornamental tops, as desired. All corner, end and gate posts must have ornamental tops to which the end or top border of the fencing is stapled. The posts and top rails are provided with holes drilled at the proper distances apart for stapling the fence, making it strong and rigid. No fence on the market compares with the "Rossman" for strength, beauty and durability.

Plain Intermediate Posts



It is simple to erect, always holds its shape, never sags or gets out of line.

The "Rossman" All-steel Lawn Fence overcomes all the objectionable features that are urged against many other fences. It is constructed in a thoroughly workmanlike manner, is artistic in all its lines, and adds a touch of beauty to any home; it does not conceal the premises, does not grow ugly with age, nor become an eyesore. This can not be said of every fence.



THE illustrations on this page convey but faintly the beauties of the "Rossman" All-steel Lawn Fence. It is necessary to see the fence erected to appreciate to the fullest extent why this fence has become so popular for private lawns, for hospitals, parks and schools.

It is the handsomest, the strongest and absolutely the most durable fencing on the market. The pickets composing it are made of one continuous strand of our well-known Bessemer Steel Rod, thoroughly galvanized; they are made so that a curve in the wire forms the tops of the pickets, and each succeeding picket interlaps and supports the previous one. By this means we are able to overcome one of the greatest objections to all other wire picket fencing — the liability of having the top bent over and thus marring the beauty of the fence. The bottoms of the pickets are so curved to give the fence a handsome, finished appearance, and *there are no rough or ragged edges at either top or bottom to catch or tear dresses or clothing of*

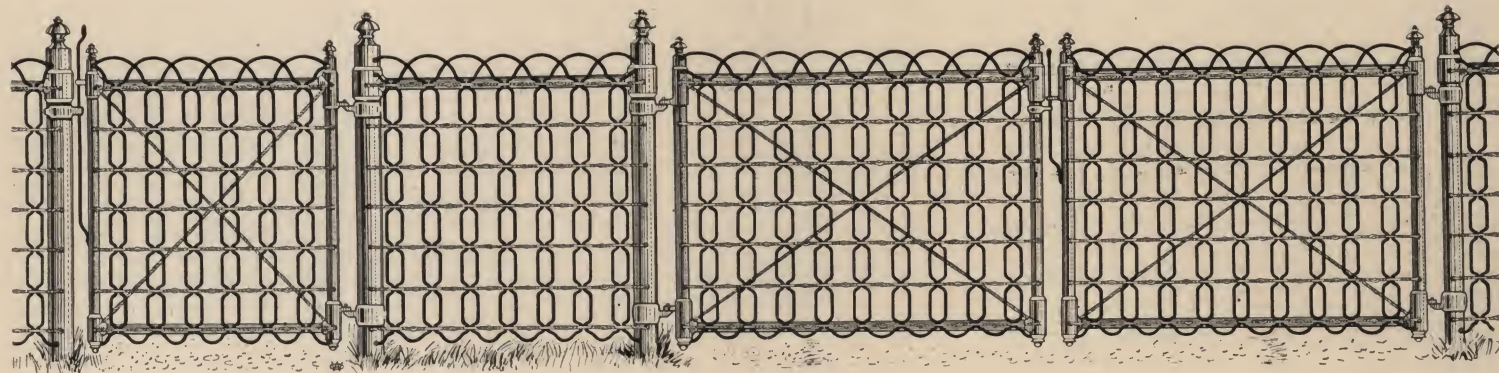
any person in passing. The pickets of this fencing are bound together by from five to nine cables; each cable is formed by two wires twisted together by our peculiar right and left hand expansion and contraction twist. This twist comes between each picket and holds the horizontal cables and pickets at the proper distance apart, and acts as a strong spring and continually expands and contracts with heat and cold, thereby keeping the fencing always strained up nice and even. Nothing looks worse than a handsome fence that has become loose and sagged. *Our fencing never sags.*

The park commissioners of Lincoln Park, Chicago, have adopted "Rossman" All-steel Lawn Fence, and up to the present time have erected 10,000 feet of it.

"Rossman" Lawn Fence received the highest award at the Pan-American Exposition, at Buffalo, New York, in 1901, and is extensively used for inclosing schools, hospitals, parks and private grounds all over the United States.



Fireman's Home, Hudson, N. Y., showing partial view of 1,500 feet of our 44-inch Heavy Lawn Fence, with Ornamental Posts.



THE above illustration shows a section of 38-inch "Rossman" All-steel Lawn Fence, with steel walk and drive gates in position.

The walk gate as shown above is made in 36-inch, 41-inch and 46-inch widths, and in heights to correspond with our Lawn Fence. Regular widths of drive gates, either single or double, are 8, 9 and 10 feet, but we can make them wider if desired. The width of all gates is from post to post, as all fixtures are included by us in the gate measurement. For Fancy Scroll Top Walk and Drive Gates, see next page.

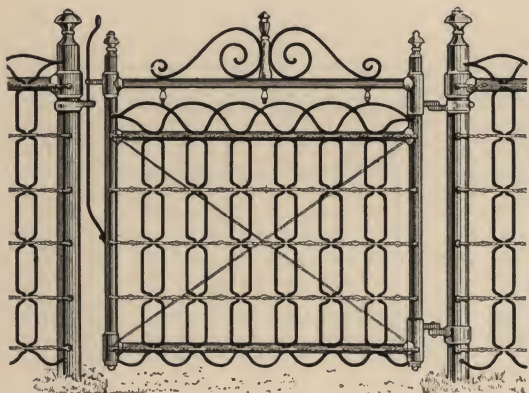
The "Rossman" Lawn Fence is undoubtedly the neatest, most symmetrical fence that you can buy. It is durable and lasting. Wears well and always looks well. Keeps out unwelcome intruders and preserves the neat appearance of the inclosure. Protects the flower beds from dogs and roaming animals, and often saves its cost in a single season by preventing damage to shrubbery and fruit.

It does not conceal any of the beauties of the grounds enclosed. Is light and airy and allows the planting of flowers and shrubs near the fence without killing them by too much shade. Don't harbor leaves or snowbanks. May be cleaned right up to the fence, and it is raised high enough from the ground to permit of the grass being cut under the fence. There is not a single objectionable feature to the "Rossman" Fence, but there are many points of merit that commend its use.

One fence in a community is but the forerunner of many others to follow. The fence makes friends and retains them. If you own a home, you can add to its worth by erecting a "Rossman" Lawn Fence around it.

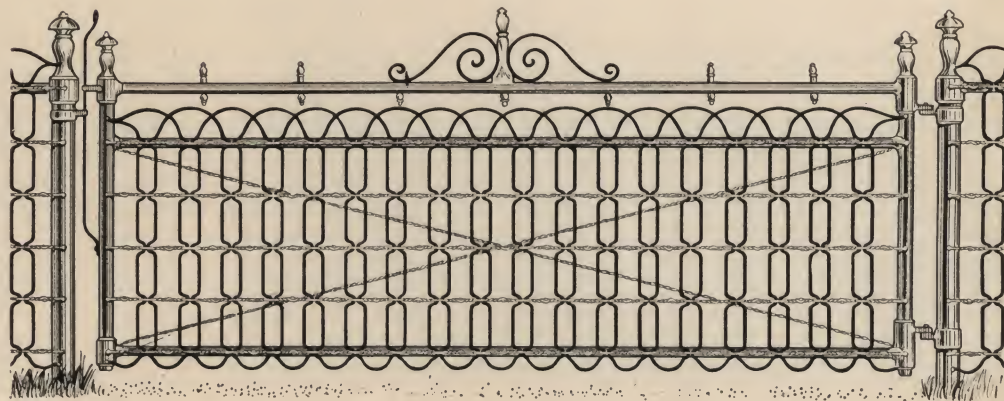


See price-list on inside page, back cover.

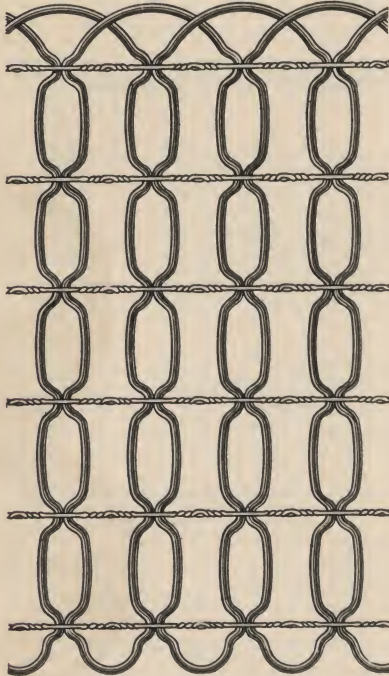


REGULAR WALK GATES are made in two styles, the Scroll Top Steel Gate, as illustrated above, and the Steel Walk Gate, as shown on page 5. Both styles are made 36 inches, 41 inches and 46 inches wide, and in heights to correspond with the several heights in which we manufacture our "Rossman" All-steel Lawn Fence. Our gates are well made and never sag or get out of order. The neatest gate on the market. When ordering gates, always state which style you desire. See price-list on inside page, back cover.

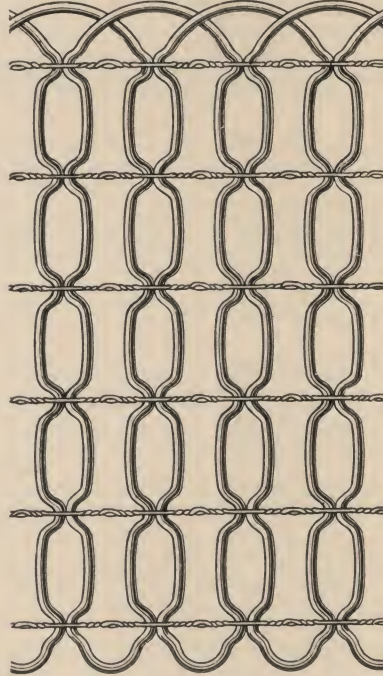
DRIVE GATES, like our Walk Gates, are all trussed and can not sag or get out of shape. Made in two styles—the Scroll Top Steel Gate, as shown below, and the Steel Drive Gate, as shown on page 5, in widths of 8, 9 and 10 feet. We make them either single or double, but usually in single widths of 10 feet and under. We can make them wider than above sizes if desired. The widths given are from post to post. All fixtures are included by us in gate measurements. Always state when ordering any of our gates, either walk or drive, whether they are to hang on our steel posts or on wood posts. Our gates are ornamental and do not detract from the beauty of the fence, but rather add to it. They always hang true, and as they can not sag or get out of line, they work free and easy at all times. The long spring catch keeps the gate closed—our gates are not open half the time, as the gates on some fences are. See price-list on inside page, back cover.



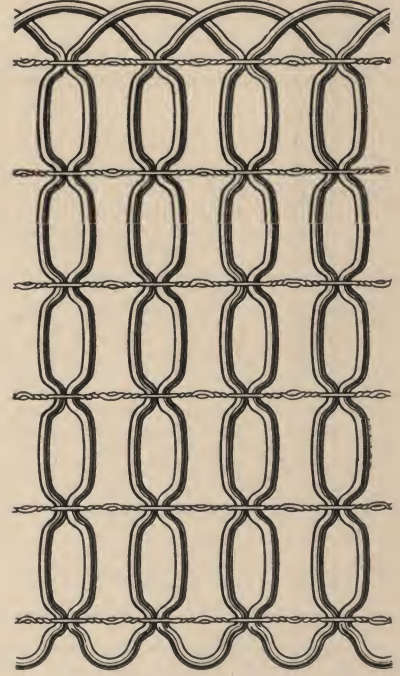
No. 300



No. 100



No. 200



ABOVE we illustrate sectional views of our light, medium and heavy lawn fences. The cables of our No. 300, or *Division Lawn Fence*, are made of two No. 12 wires, twisted together, and the pickets are made of No. 10 rod. The cables of our No. 100, or *Standard Lawn Fence*, are made of two No. 12 wires, twisted together, and the pickets are made of No. 6 rod. The cables of our No. 200, or *Extra Heavy Lawn Fence*, are made of two No. 12 wires, twisted together, and the pickets are made of No. 4 rod. The 32-inch Fence has five cables; the 38-inch Fence has six cables; the 44-inch Fence has seven cables; the 51-inch Fence has eight cables; the 58-inch Fence has nine cables. The *Extra Heavy Lawn Fence* is especially well adapted to schoolyards, dooryards, railings, etc.—wherever a fence is apt to receive severe treatment. The pickets being very heavy, it is impossible for mischievous persons to damage it. See price-list on inside page, back cover.

Directions for Erecting the Rossman Steel Lawn Fence



FIRST—Set corner and end posts. Then mark off the ground between them so as to get all the posts in line and equally spaced.

SECOND—Set gate posts. The distance from inside to inside of gate posts should be exact width of gates; that is, for 36-inch gate the distance should be 36 inches, as we allow for hinges and latch on width of gate. Hang gates and see that they fit.

THIRD—Set or drive intermediate posts. These should never be more than 10 feet apart. The closer the posts are together the stronger the fence will be. Be sure all posts are perpendicular.

FOURTH—Attach top rail. Rail should be passed through ornament, then screwed together. The top rail fits over lugs provided on all gate, end and corner posts.

Holes in top rail should face front.

FIFTH—You are now ready to stretch pickets. Fasten all cables to farthest end post, using hook bolts on post. Be sure post is plumb and

first picket perpendicular with it. Unroll the pickets, drawing them against rail, and stretch from the nearest gate or corner post; stretch middle cable first, then alternating those above and below. Stretch pickets as tight as you can—you can't get them too tight. The pickets are fastened to top rail and intermediate posts by staples; slip the staple over cable, bring the points together, insert in hole provided for that purpose, and drive home. Pickets should be raised about two inches from ground, to allow for cutting of grass.

Posts should *always* be set perpendicular. Dig holes with auger, if possible; set posts required depth, and fill in with concrete, tamping it down thoroughly.

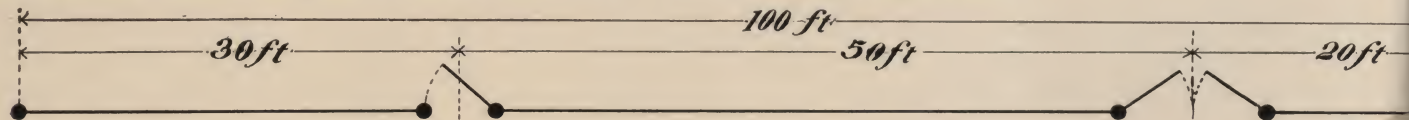
DIRECTIONS FOR MIXING CONCRETE: Take four shovelful of crushed stone or coarse clean gravel, two shovelful of clean sand and one shovelful of good cement. Mix every above and bottom of hole for every inch of concrete, and mix down thoroughly.

HOW TO MEASURE AND ESTIMATE COST FOR "ROSSMAN" LAWN FENCE

Draw a simple diagram or ground plan, showing location of End or Corner Posts and Gates. This is the best and most comprehensive of making clear what ground it is desired to fence.

Also give width of openings for gates, and specify the height of fabric, as well as the style you desire.

Mark on the plan the length from end of fence to middle of the first gate, then distance to end of fence or to the middle of next gate, if more than one gate is required, and state the length of fence over all. For illustration, see diagram below:



Construction of "Rossman" Stock Fence



Above cut shows how the stay wires are attached to the top and bottom cables. The stay wires (that is, the pickets) of our stock fence are *corrugated* wherever the cables intersect them. This prevents the cables slipping down over the pickets. These stays are placed every five inches apart and, being bound together by from four to six cables (two wires in each cable), makes this fence the most durable on the market. We manufacture a Special Rossman Stock Fence with stays ten inches apart. Write for information on construction.

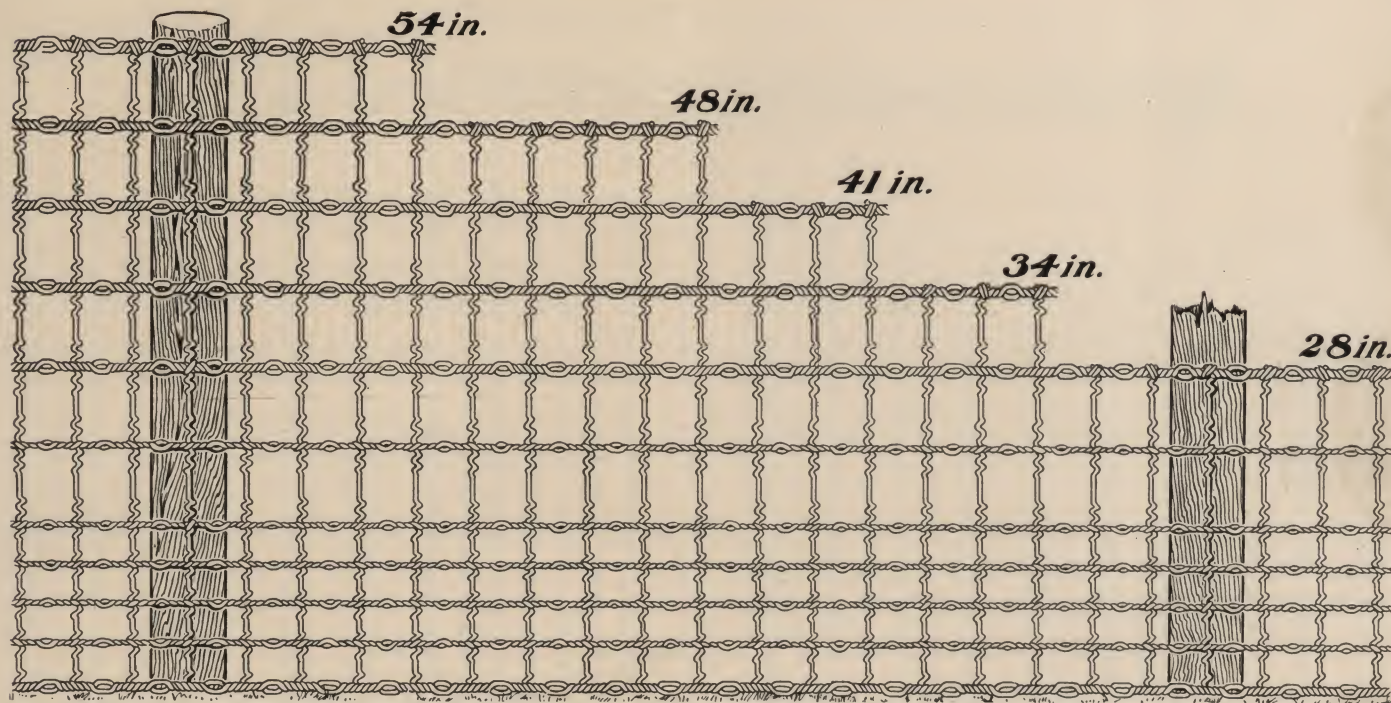
The cables of the fence are formed of two wires twisted together in a peculiar right and left hand expansion and contraction twist. This twist, between each stay and hold the cables and stays at the proper distance apart, and acts as a strong spring, continually expanding and contracting with *heat or cold*, thereby keeping the fence always

strained up nice and tight. This fence never sags, and is the only one in which the cables will stand the severe winters year after year without breaking, and in which the cables are perfectly tight year after year in summer.

The strain is distributed equally throughout the entire fence, and the cables will therefore pull uniformly and evenly, which makes this fencing easy to erect.

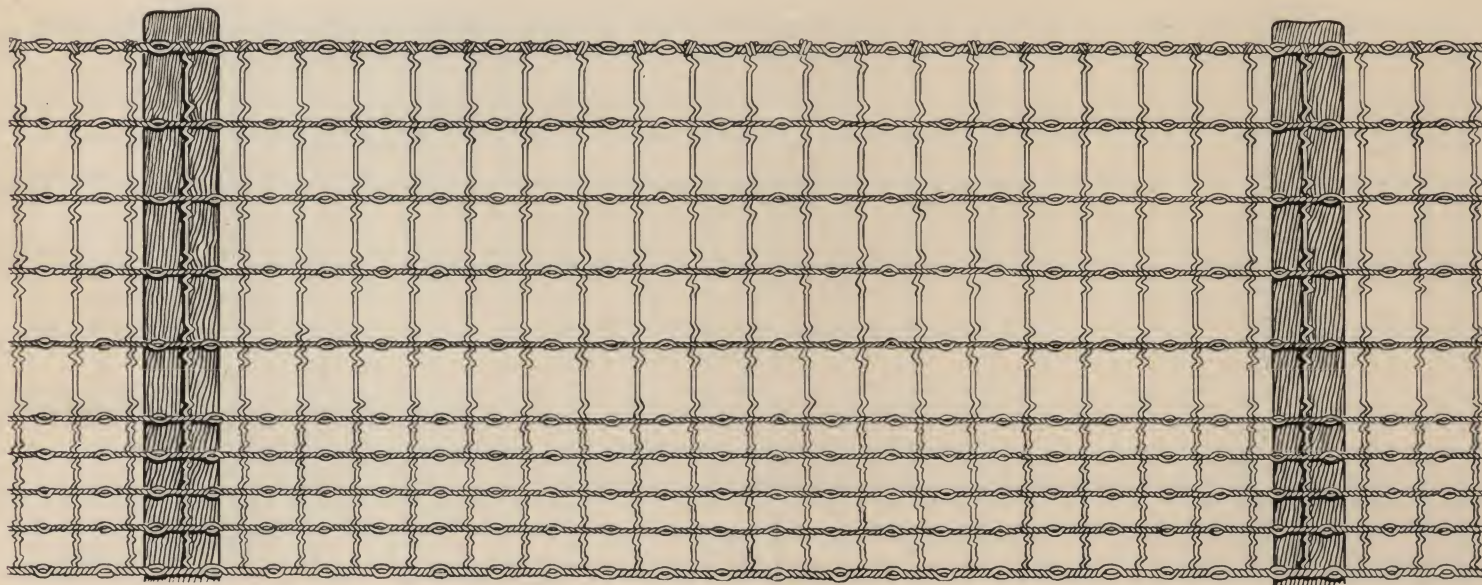
Experience has taught us that when the cables of a fence are made of a single strand of wire, or where the cables are made of two wires in which the twist is all one way, it will not overcome expansion and contraction, and the cables very often break in cold weather, or in case they do not break they will become stretched, and when the wire expands in warm weather the fence will loosen and sag. This we overcome in our fence.

This illustration shows our "regular" stock fence in five heights. Stays are placed five inches apart. Cables are formed of two wires twisted together with the famous "Rossman" right and left expansion twist. Distance between cables is six and one-half inches, with the exception of the five bottom cables, which are about three inches apart. Put up in 20, 30 and 40 rod rolls. See price-list on inside page, back cover.



“Regular” Stock Fence

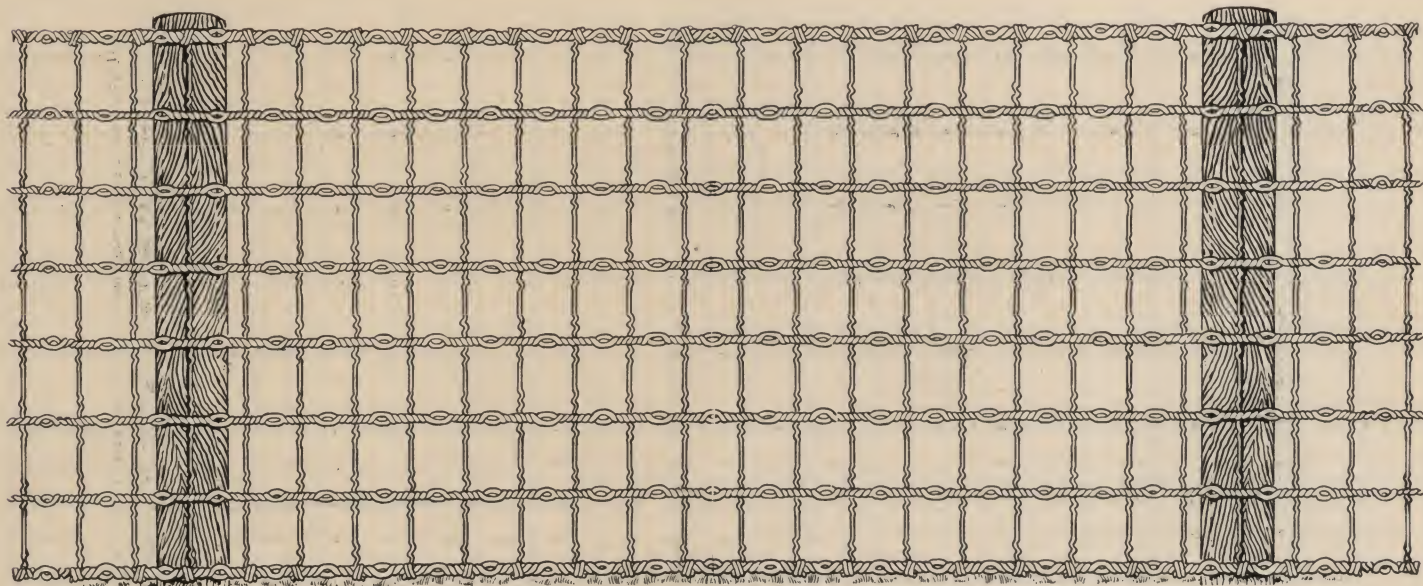
This illustration shows our 48-inch “regular” stock fence. This is the leading farm fence, as it is the popular height, 4 feet, and is well adapted for all-round farm purposes. Put up in rolls of 20, 30 and 40 rods. See price-list on inside page, back cover.



10 cables, 48 inches high, stays 5 inches apart.

Special Farm Fence

This illustration shows our No. 1300 style, same as "regular" stock fence in construction, excepting that it does not have close mesh at bottom. Put up in rolls of 20, 30 and 40 rods. See price-list on inside page, back cover.



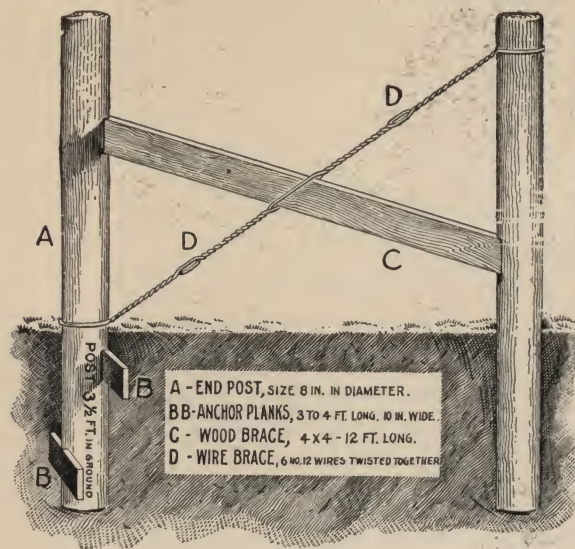
8 cables, 48 inches high.



7 cables, 41 inches high, stays 10 inches apart.

It is necessary that the Corner or End Posts should be thoroughly braced and anchored, so they will hold firmly, preventing them from lifting out of the ground or pulling sideways when under a heavy tension.

The cut herewith represents one of the best methods of bracing an end post.



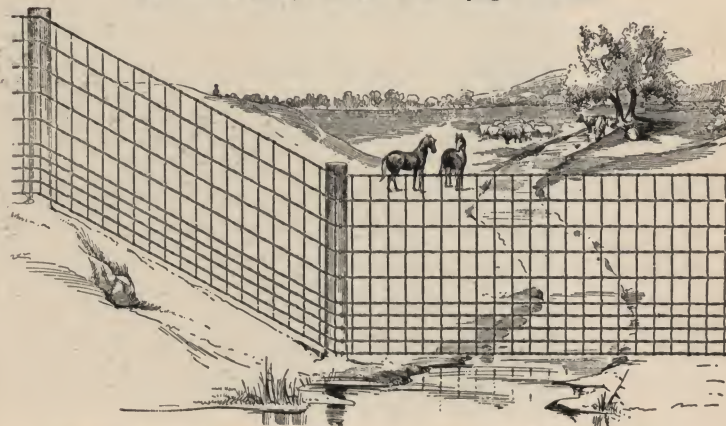
The end post "A," if round, should be about eight inches in diameter and long enough to set in the ground at least three and one-half feet, thoroughly anchored with two cross pieces. These cross pieces under the ground keep the posts from turning and prevent them from drawing out of the ground.

The wire brace "D" is one of the most important features of the end post, and should consist of three strands of No. 12 wire on each side of the post, making six strands in all. Insert two short iron rods between the wires and twist all the strands of the wire together until the wire brace is under a heavy tension, making the posts firm.

By all means do a good job in setting the end or corner posts, regardless of the time it takes, as practically the most of the strain of the fencing comes on the corner posts.

The intermediate posts do not require any more attention than those for an ordinary fencing.

Rossman Stock Fence can be Erected over Hilly or Uneven Ground.
Stay Wires Always Remain in an Upright Position.



Rossman Fence Can Not Buckle, Sag or Get Loose. A Perfect Fence
for all Kinds of Stock.

Directions for Using the Perfect Stretcher

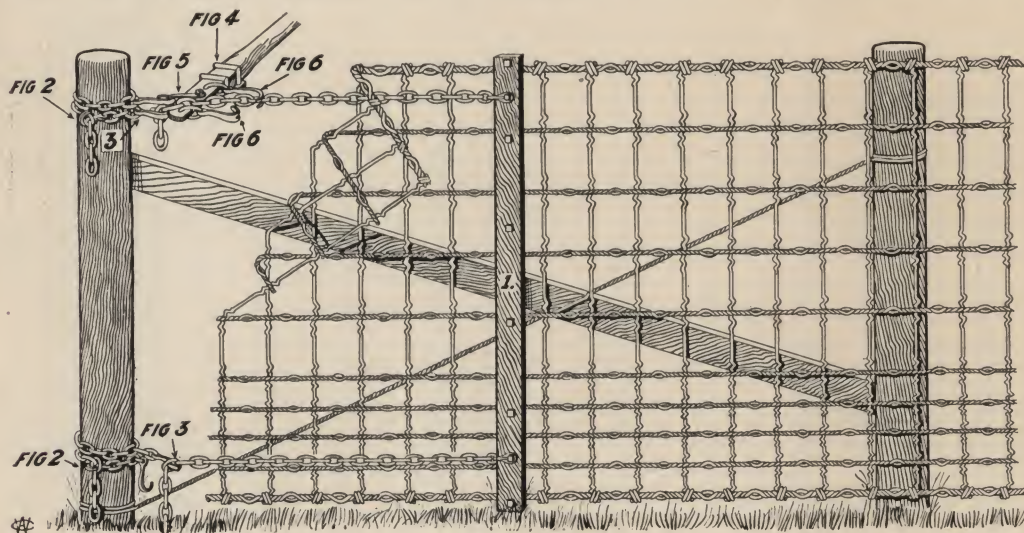
By referring to the cut you will note that the Stretcher contains a clamp marked Fig. 1, which is held together with short bolts. This clamp is taken apart and all of the cables of the fencing are placed between these clamps and then the bolts are replaced and the nuts tightened up very securely so as not to allow the cables to slip in the clamp.

Great care should be taken in placing the clamps at the proper distance from the end of the fencing or at the proper distance on the fencing from the end or corner post. The greater the length of fencing to be stretched the further the clamps must be placed from the post to which the draw chains are attached, so as to allow enough room between the post and the clamp to allow the fencing to be pulled up

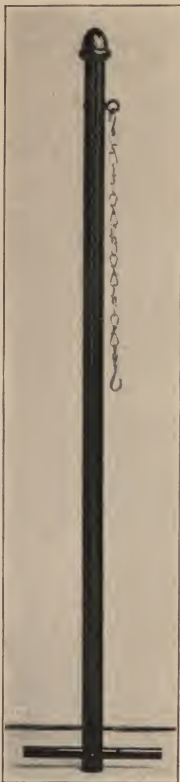
tight, but in all cases work in as small a space as you think practicable. Place the short chains around the corner or end post and hook as tight as possible (using end hooks, Fig. 2, for this), one chain near the top of the post and the other near the bottom of the post, at a proper distance from the ground and at the proper distance apart, so as to be on line with the draw chains on the clamp and leave the fencing the proper distance from the ground for stapling after being stretched. Then draw the fencing up as tight as you can conveniently by hand, and hook the clamp chains in the narrow closed hook, Fig. 3. Do not get the chains twisted between the clamps and the hook, Fig. 3, for if you do the claws can not take hold of the chain. Next place the lever, Fig. 4, in position by hooking the small clevis, Fig. 5, in the remaining hook,

and always work the handle of the Stretcher on the back side of the fencing or the opposite side to which the fencing is to be stapled, then proceed to work the handle of the Stretcher so that the claws, Fig. 6-6, will grab the chain and pull it up, and when reasonably tight, hook the chain up tight in the hook again, and remove the lever and attach to the other chain and proceed as before, but in no case draw either top or bottom too much ahead of one another at any one pull. When you have pulled the fencing up as tight as desired, staple the same securely to the post and remove the Stretcher by reversing its use, and your work is finished, handsomely done—satisfactory to yourself or your customer.

The top of the fencing in the cut is bent backward so as to give full view of the Stretcher. Of course, this is not necessary when the fencing is being erected, and is only done in the cut to show the Stretcher.



See price-list on inside page, back cover.



The Strongest and Best Hitching Post Made

Will last a lifetime. It adds beauty and gives a finish to your lawn. Made of very heavy tubular steel, two inches in diameter, with ornamental top and snap chain attached. A very strong tubular anchor is fitted and riveted a few inches from the bottom of the post, which prevents its being pulled out. Painted black.

Per dozen\$36.00

A Handsome and Substantial Tree Protector

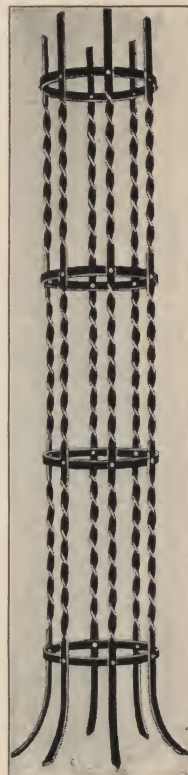
These guards are of handsome and substantial design, constructed of Bessemer steel throughout. Besides being a protection to the trees, their appearance adds materially to the property in front of which they are placed. They are painted black and are divided in two sections, which fasten together with bolts. Anchors are sent with each guard, to keep it a uniform distance from the tree.

PRICE LIST

Per Doz.

9-inch diameter, 5 feet 6 inches high..	\$24.00
9-inch diameter, 6 feet high.....	27.00
12-inch diameter, 5 feet 6 inches high..	30.00
12-inch diameter, 6 feet high.....	33.00
15-inch diameter, 5 feet 6 inches high..	39.00
15-inch diameter, 6 feet high.....	42.00

Other diameters to order.



Price List

Subject to Change
Without Notice..

"ROSSMAN" STEEL ROD FENCE.

Style.	Height.	Size of Picket.	Number of Cables.	Size of Wire (Two Strands) in Cables.	Per Lineal Foot.
No. 100 Standard Lawn Fence.	32 In.	No. 6 Rod	5	No. 12 Wire	36 Cts.
Full Rolls 330 ft.	38 " 44 " 51 " 58 "	" " " "	6 7 8 9	" " " "	40 " 46 " 54 " 64 "
No. 200 Extra Heavy Lawn Fence	32 In.	No. 4 Rod	5	No. 12 Wire	46 Cts.
	38 " 44 " 51 " 58 "	" " " "	6 7 8 9	" " " "	54 " 60 " 68 " 78 "
No. 300 Division Lawn Fence.	32 In.	No. 10 Rod	5	No. 12 Wire	20 Cts.
Full Rolls 330 ft.	38 " 44 " 51 " 58 "	" " " "	6 7 8 9	" " " "	24 " 28 " 32 " 37 "

STOCK FENCE.

STYLE.	Height.	No. of Cables.	Price per Rod.
Stock Fence (Regular)	28 inches	7	\$0.63
" " " "	34 "	8	.74
" " " "	41 "	9	.82
" " " "	48 "	10	.98
" " " "	54 "	11	1.10
Stock Fence, No. 1300 (Special)	34 "	6	.68
" " " "	41 "	7	.74
" " " "	48 "	8	.86
" " " "	54 "	9	1.00

STEEL GATES.

GATES.	Width.	Plain Pattern.		Scroll Pattern.	
		Single.	Double.	Single.	Double.
Walk.	36 In.	\$ 8.50		\$11.50	
"	41 "	9.00		12.00	
"	46 "	9.50		12.50	
Drive	8 ft.	16.00	\$19.00	19.00	\$25.00
"	9 "	17.00	20.00	20.00	26.00
"	10 "	18.00	21.00	21.00	27.00

WOOD GATES.

GATES.	Width.	Single.	Double.
Walk.	36 In.	\$ 7.50	
"	41 "	8.00	
"	46 "	8.50	
Drive	8 Ft.	14.00	\$17.00
"	9 "	15.00	18.00
"	10 "	16.00	19.00

The above gates are made in heights corresponding to the heights of our Lawn Fence.

Corner or Gate Posts, with Ornamental Top.....	Each	\$3.00
Intermediate Posts, with Ornamental Top.....	Each	2.50
Intermediate Posts, with Plain Top.....	Each	2.25
Top Rail (1 1/4-inch O. D.).....	Per foot	.18
Perfect Fence Stretchers.....	Net	5.00

All prices f. o. b. cars at our factory, at Rossman, Columbia county, New York.

TERMS—Thirty days net or two per cent allowed for cash in ten days from date of invoice. Parties not having satisfactory rating or references, twenty-five per cent must accompany orders; the goods will then be shipped C. O. D. for balance, allowing cash discount.

All goods in transit are at purchaser's risk.

Regular size rolls of No. 100 and No. 300 Lawn Fence contain 330 feet. No. 200 Extra Heavy Lawn Fence is generally put up in rolls of about 200 feet each, its extreme weight making larger rolls too heavy to handle. Stock Fence is put up in 20, 30 and 40 rod rolls.

An extra charge will be made for special size rolls made to order. Write for discounts.

Digitized by:



ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY
INTERNATIONAL
www.apti.org

BUILDING
TECHNOLOGY
HERITAGE
LIBRARY

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:
Gerron S. Hite
West Texas Collection, Angelo State University, San Angelo, TX



For Sale by